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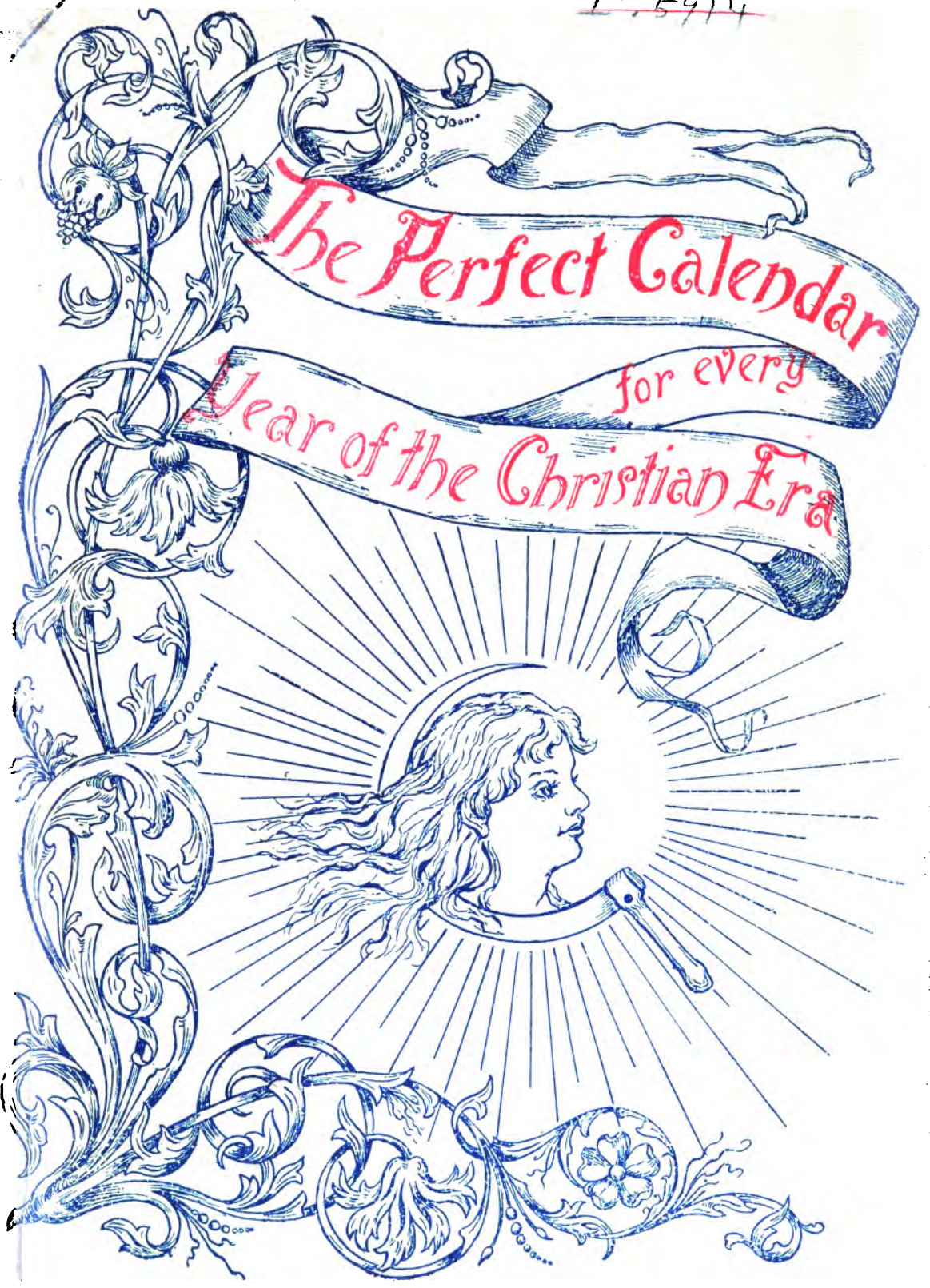

THE PERPETUAL CALENDAR

FOR

EVERY YEAR OF THE CHRISTIAN ERA

DESIGNED FOR PRACTICAL, EVERY-DAY USE

BY

HENRY FITCH

PATENTED SEPTEMBER 1ST, 1891

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DEDICATED

TO MY

FATHER AND MOTHER,

WHO TAUGHT ME

TO LOVE, SPEAK, AND SEEK THE TRUTH,

AND WHOM

I DELIGHT TO HONOR.

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PREFACE.

THIS PERPETUAL CALENDAR has been preceded by a variety of perpetual calendars which have, unfortunately, been unable to work their way into general use. It is believed that this calendar has merits which will save it from a similar fate. Be that as it may, it will not detract from whatever accuracy or value other calendars may have to contrast the simplicity and practical features of this with the lack of such qualities in them—qualities that are essential to a popular and successful calendar.

That form of annual calendar has been adopted which long usage has rendered most popular. In other calendars the use of unusual or distorted forms has been imperative: in one case the days of the month are in an extended row or column, like a tape-measure; in another case a single monthly block of 31 days is made to do duty for all the months and years by having a shifting list of week-days above it. The liability to error arising from the manipulation and adjustment of mechanical devices is avoided in this calendar because it has no wheels, sectors, pointers, or sliding-slips to consume time and tax patience. In brief, it consists of but 14 different annual calendars—all there is in either the Julian or in the Gregorian System—and an index including every year of the Christian Era, referring to the proper calendar for any year desired. How could it be more simple or better adapted to practical use?

It commends itself to the commercial world because its accuracy is so evident or so easily proven, and because it is convenient to use it for daily reference to the current year, and equally so for dates in years recently past or soon to come, there being in no event a puzzling rule for busy brains to worry over. Although intended primarily for commercial use and for modern dates, it will be found of special value to students of profane and sacred history.

DIRECTIONS FOR USE.

OPPOSITE each year [see Index on pages 22, 23] will be found one of the following series of symbols:

A1, A2, A3, A4, A5, A6, A7; B1, B2, B3, B4, B5, B6, B7,

which symbol indicates, in each case, that the Calendar having the same symbol at its top [see Calendars, pages 15–21 and 24–30] is the correct calendar for that year.

The numeral or figure of the symbol, in each instance, corresponds to the day of the week on which the year begins. Figure 1 stands for Sunday, 2 for Monday, and so on through the week. The letter A is used to indicate ordinary years, and the letter B to indicate leap-years. Every year must be either an ordinary year or a leap-year, and must begin on some one of the seven days of the week; hence some one of the seven ordinary year calendars, or the seven leap-year calendars herein provided, will be the correct calendar for any year that may be selected from the entire range of the Christian Era.

In the Index the years are shown complete from the beginning of the 12th century to the end of the 20th century, and earlier and later centuries are indicated in the headings. It will be well for those who are not well acquainted with the fact to notice that only the last year in each century gives the number of the century by omitting the last two figures, and that in all other cases, by cutting off the last two figures of any year, the remaining figures are one less than the number of the century to which it belongs. Thus if a date in the year A.D. 857 is wanted, being in the 9th century, it will be found the same as though it were in A.D. 1557, for which calendar "A6" is indicated.

EXAMPLES.

Siege of Jerusalem ended, July 13, A.D. 70.....A2, Friday.
John Huss executed, July 7, 1415.....A3, Sunday.
Shakespeare born, April 23, 1564.....B7, Sunday.

INAUGURAL CEREMONIES OCCURRED AS FOLLOWS:

George Washington	April	30,	1789,	A5, Thursday.
John Adams	March	4,	1797,	A1, Saturday.
Thomas Jefferson	March	4,	1801,	A5, Wednesday
James Madison	March	4,	1809,	A1, Saturday.
James Monroe	March	4,	1817,	A4, Tuesday.
John Quincy Adams	March	4,	1825,	A7, Friday.
Andrew Jackson	March	4,	1829,	A5, Wednesday
Martin Van Buren	March	4,	1837,	A1, Saturday.
William Henry Harrison	March	4,	1841,	A6, Thursday.
John Tyler	April	6,	1841,	A6, Tuesday.
James Knox Polk	March	4,	1845,	A4, Tuesday.
Zachary Taylor	March	5,	1849,	A2, Monday.
Millard Fillmore	July	9,	1850,	A3, Tuesday.
Franklin Pierce	March	4,	1853,	A7, Friday.
James Buchanan	March	4,	1857,	A5, Wednesday.
Abraham Lincoln	March	4,	1861,	A3, Monday.
Andrew Johnson	April	15,	1865,	A1, Saturday
Ulysses S. Grant	March	4,	1869,	A6, Thursday.
Rutherford B. Hayes	March	5,	1877,	A2, Monday.
James A. Garfield	March	4,	1881,	A7, Friday.
Chester A. Arthur	Sept.	20,	1881,	A7, Tuesday.
Grover Cleveland	March	4,	1885,	A5, Wednesday.
Benjamin Harrison	March	4,	1889,	A3, Monday.

CORONATION OF ENGLISH KINGS AND QUEENS.

Mary, July 6, O. S., 1553	A1, Thursday.
Elizabeth, November 17, O. S., 1558	A7, Thursday.
James I., March 24, O. S., 1603	A7, Thursday.
Charles I., March 27, O. S, 1625	A7, Sunday.
Parliamentary Executive, January 30, O. S., 1649	A2, Tuesday.
Cromwell, Lord Protector, December 16, O. S., 1653	A7, Friday.
Charles II. enters London, May 29, O. S., 1660	B1, Tuesday.
James II., February 6, O. S., 1685	A5, Friday.
William and Mary, February 13, O. S., 1689	A3, Wednesday.
William III., December 28, O. S., 1694	A2, Friday.
Anne, March 8, O. S., 1702	A5, Sunday.
George I., August 1, O. S., 1714	A6, Sunday.
George II., June 11, O. S., 1727	A1, Sunday.
George III., October 25, N. S., 1760	B3, Saturday.
George IV., January 29, N. S., 1820	B7, Tuesday.
William IV., June 26, N. S., 1830	A6, Saturday.
Victoria, June 20, N. S., 1837	A1, Tuesday.

EXPLANATORY NOTES.

THE calendar from the year 45 B.C., to October 4, A.D. 1582, is known as the Old Style or Julian Calendar, and from then as the New Style or Gregorian Calendar. The Index exhibits both styles up to the year 1800 because the Old Style did not fall into entire disuse until about that time.

To avoid confusion of symbols, those for the Old Style are printed in red, and the New Style in black. The order of the calendars required for every seventh century of the Old Style, and for every fourth century of the New Style, is the same, as reference to the columns of the Index will show. As a check against the use of a wrong calendar for the more modern dates, there have been placed on the outside margin of each calendar all the years of the 19th and 20th centuries, for which that calendar is correct.

Ordinary or common years contain 52 full weeks and 1 day over, so that all such years begin and end on the same day of the week. Leap-years end on the day of the week succeeding the day on which they begin. Any year following an ordinary year will therefore begin one day later in the week, and the year next after a leap-year will begin two days later in the week. The Julian Calendar reckons those years that are divisible by 4 without a remainder as leap-years. The Gregorian Calendar does the same with all years except centennial years, where the rule is to make leap-years of such as are divisible by 400 without a remainder, and to reckon all other centennial years as ordinary years.

Bearing these facts in mind, and beginning at the current year, the accuracy of the entire Index on pages 22 and 23, and on margin of page 13, can be verified in a few hours' time. In doing so, notice that each leap-year recurs in cycles of 28 years within each century, and ordinary years recur in a series of years that may be represented thus:

6, 11, 11, 6, 11, 11, 6, 11, 11, 6, 11, 11, 6.

Any three consecutive terms of this series make up a cycle known as the Solar Cycle. The Index and Calendars are free from errors. Their verification is urged because the subsequent use of the Calendar will be attended with the greatest confidence.

Old Style to Oct. 4. **1582. New Style from Oct. 15.**

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	1	2	3	4	5	6	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	19	30	31	..	..	..	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	..	..	..	1	2	3	..	..	..	1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	..	..	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	..	..	..	1	2	3	..	..	..	..	..	..	1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
1	2	3	4	5	6	7	..	1	2	3	4	15	16
8	9	10	11	12	13	14	17	18	19	20	21	22	23
15	16	17	18	19	20	21	24	25	26	27	28	29	30
22	23	24	25	26	27	28	31	..	..	..	..	..	..
29	30	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	..	1	2	3	4	5	..	1	2	3	4	5	6
6	7	8	9	10	11	12	7	8	9	10	11	12	13
13	14	15	16	17	18	19	14	15	16	17	18	19	20
20	21	22	23	24	25	26	21	22	23	24	25	26	27
27	28	29	30	31	..	..	28	29	30	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	..	..	..	..	1	2	..	..	..	1	2	3	4
3	4	5	6	7	8	9	5	6	7	8	9	10	11
10	11	12	13	14	15	16	12	13	14	15	16	17	18
17	18	19	20	21	22	23	19	20	21	22	23	24	25
24	25	26	27	28	29	30	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

Index for Years B. C.

Yr	Old
1	B5
2	A4
3	A3
4	A2
5	B7
6	A6
7	A5
8	A4
9	B2
10	A1
11	A7
12	A6
13	B4
14	A3
15	A2
16	A1
17	B6
18	A5
19	A4
20	A3
21	B1
22	A7
23	A6
24	A5
25	B3
26	A2
27	A1
28	A7
29	B5
30	A4
31	A3
32	A2
33	B7
34	A6
35	A5
36	A4
37	B2
38	A1
39	A7
40	A6
41	B4
42	A3
43	A2
44	A1
45	B6

Old Style to Sept. 2. **1752.** **New Style from Sept. 14.**

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	1	2	3	4	..	..	..	1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	..	..	..	..	..	1	..	..	..	..	..	..	1
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
1	2	3	4	5	6	7	..	..	1	2	14	15	16
8	9	10	11	12	13	14	17	18	19	20	21	22	23
15	16	17	18	19	20	21	24	25	26	27	28	29	30
22	23	24	25	26	27	28	..	..	..	..	..	..	..
29	30	31	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	..	..	1	2	3	4	1	2	3	4	5	6	7
5	6	7	8	9	10	11	8	9	10	11	12	13	14
12	13	14	15	16	17	18	15	16	17	18	19	20	21
19	20	21	22	23	24	25	22	23	24	25	26	27	28
26	27	28	29	30	..	..	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	..	..	..	..	1	2	..	..	..	1	2	3	4
3	4	5	6	7	8	9	5	6	7	8	9	10	11
10	11	12	13	14	15	16	12	13	14	15	16	17	18
17	18	19	20	21	22	23	19	20	21	22	23	24	25
24	25	26	27	28	29	30	26	27	28	29	30	31	..
31	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	1	2	3	4	5	6	..	..	..	..	..	1	2
7	8	9	10	11	12	13	3	4	5	6	7	8	9
14	15	16	17	18	19	20	10	11	12	13	14	15	16
21	22	23	24	25	26	27	17	18	19	20	21	22	23
28	29	30	..	..	..	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..

A1.

JANUARY.							JULY.						
Su.	Mo.	Tu	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
1	2	3	4	5	6	7	..	..	..	..	..	..	1
8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
29	30	31	..	..	..	..	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..
FEBRUARY.							AUGUST.						
..	..	..	1	2	3	4	..	..	1	2	3	4	5
5	6	7	8	9	10	11	6	7	8	9	10	11	12
12	13	14	15	16	17	18	13	14	15	16	17	18	19
19	20	21	22	23	24	25	20	21	22	23	24	25	26
26	27	28	..	..	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							SEPTEMBER.						
..	..	..	1	2	3	4	..	..	..	..	..	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							OCTOBER.						
..	..	..	..	..	..	1	1	2	3	4	5	6	7
2	3	4	5	6	7	8	8	9	10	11	12	13	14
9	10	11	12	13	14	15	15	16	17	18	19	20	21
16	17	18	19	20	21	22	22	23	24	25	26	27	28
23	24	25	26	27	28	29	29	30	31	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							NOVEMBER.						
..	1	2	3	4	5	6	..	..	..	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	..	..	..	26	27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							DECEMBER.						
..	..	..	..	1	2	3	..	..	..	..	..	1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..

Correct Calendar for

1809
1815
1826
1837
1843
1854
1865
1871
1882
1893
1899
1905
1911
1922
1933
1939
1950
1961
1967
1978
1989
1995

A2.

Correct Calendar for

1810
1821
1827
1838
1849
1855
1866
1877
1883
1894
1900
1906
1917
1923
1934
1945
1951
1962
1973
1979
1990

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	[illegible]	2	3	4	5	6	1	2	3	[illegible]	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14
[illegible]	15	16	17	18	19	20	15	16	17	18	19	20	21
[illegible]	22	23	24	25	26	27	22	23	24	25	26	27	28
	29	30	31	..	..	..	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

FEBRUARY.							AUGUST.						
..	..	..	..	1	2	3	..	..	..	1	2	3	4
[illegible]	5	6	7	8	9	10	5	6	7	8	9	10	11
[illegible]	12	13	14	15	16	17	12	13	14	15	16	17	18
[illegible]	19	20	21	[illegible]	23	24	19	20	21	22	23	24	25
[illegible]	26	27	28	..	..	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

MARCH.							SEPTEMBER.						
..	..	..	..	1	2	3	..	..	..	..	..	..	1
[illegible]	5	6	7	8	9	10	2	3	4	5	6	7	8
[illegible]	12	13	14	15	16	17	9	10	11	12	13	14	15
[illegible]	19	20	21	22	23	24	16	17	18	19	20	21	22
[illegible]	26	27	28	29	30	31	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	..	..	..	..	..	..

APRIL.							OCTOBER.						
[illegible]	2	3	4	5	6	7	..	1	2	3	4	5	6
[illegible]	9	10	11	12	13	14	7	8	9	10	11	12	13
[illegible]	16	17	18	19	20	21	14	15	16	17	18	19	20
	23	24	25	26	27	28	21	22	23	24	25	26	27
[illegible]	30	..	..	..	..	..	28	29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

MAY.							NOVEMBER.						
..	..	1	2	3	4	5	..	..	..	..	1	2	3
[illegible]	7	8	9	10	11	12	[illegible]	5	6	7	8	9	10
[illegible]	14	15	16	17	18	19	[illegible]	12	13	14	15	16	17
[illegible]	21	22	23	24	25	26	[illegible]	19	20	21	22	23	24
	28	29	[illegible]	31	..	..	[illegible]	26	27	28	[illegible]	30	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

JUNE.							DECEMBER.						
..	..	..	..	..	1	2	..	..	..	..	..	..	1
[illegible]	4	5	6	7	8	9	[illegible]	3	4	5	6	7	8
	11	12	13	14	15	16	9	10	11	12	13	14	15
[illegible]	18	19	20	21	22	23	[illegible]	17	18	19	20	21	22
	25	26	27	28	29	30	[illegible]	24	[illegible]	26	27	28	29
..	..	..	..	..	..	..		31	..	..	..	..	..

A3.

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	.	2	3	4	5	..	1	2	3	..	5	6
	7	8	9	10	11	12		8	9	10	11	12	13
	14	15	16	17	18	19		15	16	17	18	19	20
	21	22	23	24	25	26		22	23	24	25	26	27
	28	29	30	31	..	..		29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	..	..	..	..	1	2	..	..	..	..	1	2	3
	4	5	6	7	8	9		5	6	7	8	9	10
	11	12	13	14	15	16		12	13	14	15	16	17
	18	19	20	21		23		19	20	21	22	23	24
	25	26	27	28	..	..		26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	..	..	..	..	1	2		2	3	4	5	6	7
	4	5	6	7	8	9		9	10	11	12	13	14
	11	12	13	14	15	16		16	17	18	19	20	21
	18	19	20	21	22	23		23	24	25	26	27	28
	25	26	27	28	29	30		30	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	1	2	3	4	5	6	..	..	1	2	3	4	5
	8	9	10	11	12	13		7	8	9	10	11	12
	15	16	17	18	19	20		14	15	16	17	18	19
	22	23	24	25	26	27		21	22	23	24	25	26
	29	30	..	..	..	..		28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	..	..	1	2	3	4	..	..	..	..	..	1	2
	6	7	8	9	10	11		4	5	6	7	8	9
	13	14	15	16	17	18		11	12	13	14	15	16
	20	21	22	23	24	25		18	19	20	21	22	23
	27	28	29		31	..		25	26	27		29	30
..	..	..	..	..	..	..	..	..	..	..	.	..	..
JUNE.							**DECEMBER.**						
..	..	..	..	..	..	1		2	3	4	5	6	7
	3	4	5	6	7	8		9	10	11	12	13	14
	10	11	12	13	14	15		16	17	18	19	20	21
	17	18	19	20	21	22		23	24		26	27	28
	24	25	26	27	28	29		30	31	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..

Correct Calendar for

1805
1811
1822
1833
1839
1850
1861
1867
1878
1889
1895
1901
1907
1918
1929
1935
1946
1957
1963
1974
1985
1991

A4.

Correct Calendar for

1806
1817
1823
1834
1845
1851
1862
1873
1879
1890
1902
1913
1919
1930
1941
1947
1958
1969
1975
1986
1997

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	1	2	3	4	..	..	1	2	3	4	5
5	6	7	8	9	10	11	6	7	8	9	10	11	12
12	13	14	15	16	17	18	13	14	15	16	17	18	19
19	20	21	22	23	24	25	20	21	22	23	24	25	26
26	27	28	29	30	31	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

FEBRUARY.							AUGUST.						
..	..	..	..	..	..	1	..	..	..	..	..	1	2
2	3	4	5	6	7	8	3	4	5	6	7	8	9
9	10	11	12	13	14	15	10	11	12	13	14	15	16
16	17	18	19	20	21	22	17	18	19	20	21	22	23
23	24	25	26	27	28	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..

MARCH.							SEPTEMBER.						
..	..	..	..	..	..	1	..	1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	..	..	..	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..

APRIL.							OCTOBER.						
..	..	1	2	3	4	5	..	..	..	1	2	3	4
6	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	..	..	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

MAY.							NOVEMBER.						
..	..	..	..	1	2	3	..	..	..	..	..	..	1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	..	..	..	..	..	..

JUNE.							DECEMBER.						
1	2	3	4	5	6	7	..	1	2	3	4	5	6
8	9	10	11	12	13	14	7	8	9	10	11	12	13
15	16	17	18	19	20	21	14	15	16	17	18	19	20
22	23	24	25	26	27	28	21	22	23	24	25	26	27
29	30	..	..	..	..	..	28	29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

A5.

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	1	2	3	..	..	..	1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	29	30	31	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							AUGUST.						
1	2	3	4	5	6	7	..	..	..	..	..	..	1
8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
..	..	..	..	..	..	..	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..
MARCH.							SEPTEMBER.						
1	2	3	4	5	6	7	..	..	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31	..	..	..	..	27	28	29	30	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							OCTOBER.						
..	..	..	1	2	3	4	..	..	..	..	1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	..	..	25	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							NOVEMBER.						
..	..	..	..	..	1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	..	..	..	..	..
31	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							DECEMBER.						
..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	..	..	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

Correct Calendar for

1801
1807
1818
1829
1835
1846
1857
1863
1874
1885
1891
1903
1914
1925
1931
1942
1953
1959
1970
1981
1987
1998

A6.

Correct Calendar for

1802
1813
1819
1830
1841
1847
1858
1869
1875
1886
1897
1909
1915
1926
1937
1943
1954
1965
1971
1982
1993
1999

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	..		2	..	..	..	..	1	2	3
	4	5	6	7	8	9		5	6	7	8	9	10
	11	12	13	14	15	16		12	13	14	15	16	17
	18	19	20	21	22	23		19	20	21	22	23	24
	25	26	27	28	29	30		26	27	28	29	30	31
	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	1	2	3	4	5	6		2	3	4	5	6	7
	8	9	10	11	12	13		9	10	11	12	13	14
	15	16	17	18	19	20		16	17	18	19	20	21
		23	24	25	26	27		23	24	25	26	27	28
	..	..	..	..	..	..		30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	1	2	3	4	5	6	..	..	..	1	2	3	4
	8	9	10	11	12	13		6	7	8	9	10	11
	15	16	17	18	19	20		13	14	15	16	17	18
	22	23	24	25	26	27		20	21	22	23	24	25
	29	30	31	..	..	..		27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	..	..	..	1	2	3	..	..	..	..	..	1	2
	5	6	7	8	9	10		4	5	6	7	8	9
	12	13	14	15	16	17		11	12	13	14	15	16
	19	20	21	22	23	24		18	19	20	21	22	23
	26	27	28	29	30	..		25	26	27	28	29	30
..	..	..	..	..	..	..		..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	..	..	..	..	..	1	..	1	2	3	4	5	6
	3	4	5	6	7	8		8	9	10	11	12	13
	10	11	12	13	14	15		15	16	17	18	19	20
	17	18	19	20	21	22		22	23	24		26	27
	24	25	26	27	28	29		29	30	..	..	..	..
	31	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	..	1	2	3	4	5	..	..	..	1	2	3	4
	7	8	9	10	11	12		6	7	8	9	10	11
	14	15	16	17	18	19		13	14	15	16	17	18
	21	22	23	24	25	26		20	21	22	23	24	
	28	29	30	..	..	..		27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

A7.

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	..	..	[illegible]	..	..	..	..	..	1	2
[illegible]	3	4	5	6	7	8	[illegible]	[illegible]	5	6	7	8	9
9	10	11	12	13	14	15	[illegible]	11	12	13	14	15	16
16	17	18	19	20	21	22	[illegible]	18	19	20	21	22	23
23	24	25	26	27	28	29	[illegible]	25	26	27	28	29	30
30	31	..	..	..	..	..	[illegible]	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	..	1	2	3	4	5	..	1	2	3	4	5	6
6	7	8	9	10	11	12	[illegible]	8	9	10	11	12	13
13	14	15	16	17	18	19	[illegible]	15	16	17	18	19	20
20	21	[illegible]	23	24	25	26	[illegible]	22	23	24	25	26	27
27	28	..	..	..	..	..	[illegible]	29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	..	1	2	3	4	5	..	..	..	..	1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	[illegible]	12	13	14	15	16	17
20	21	22	23	24	25	26	[illegible]	19	20	21	22	23	24
27	28	29	30	31	..	..	[illegible]	26	27	28	29	30	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	..	..	..	..	1	2	..	..	..	..	..	..	1
3	4	5	6	7	8	9	[illegible]	3	4	5	6	7	8
10	11	12	13	14	15	16	[illegible]	10	11	12	13	14	15
17	18	19	20	21	22	23	[illegible]	17	18	19	20	21	22
24	25	26	27	28	29	30	[illegible]	24	25	26	27	28	29
..	..	..	..	..	..	..	[illegible]	31	..	..	..	..	..
MAY.							**NOVEMBER.**						
[illegible]	2	3	4	5	6	7	..	..	1	2	3	4	5
[illegible]	9	10	11	12	13	14	[illegible]	7	8	9	10	11	12
[illegible]	16	17	18	19	20	21	[illegible]	14	15	16	17	18	19
	23	24	25	26	27	28	[illegible]	21	22	23	[illegible]	25	26
[illegible]	[illegible]	31	..	..	..	..	[illegible]	28	29	30	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	..	..	1	2	3	4	..	..	..	..	1	2	3
[illegible]	6	7	8	9	10	11	[illegible]	5	6	7	8	9	10
[illegible]	13	14	15	16	17	18	[illegible]	12	13	14	15	16	17
[illegible]	20	21	22	23	24	25	[illegible]	19	20	21	22	23	24
	27	28	29	30	..	..	[illegible]	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..

Correct Calendar for

1803
1814
1825
1831
1842
1853
1859
1870
1881
1887
1898
1910
1921
1927
1938
1949
1955
1966
1977
1983
1994

CENTURIES.

												1st O. S.				2d O. S.				
5th O. S.				6th O. S.				7th O. S.				8th O. S.				9th O. S.				
12th.				13th.				14th.				15th.				16th.				
Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	Yr.	Old	New
1101	A3	1151	A2	1201	A2	1251	A1	1301	A1	1351	A7	1401	A7	1451	A6	1501	A6	1551	A5	
02	A4	52	B3	02	A3	52	B2	02	A2	52	B1	02	A1	52	B7	02	A7	52	B6	
03	A5	53	A5	03	A4	53	A4	03	A3	53	A3	03	A2	53	A2	03	A1	53	A1	
04	B6	54	A6	04	B5	54	A5	04	B4	54	A4	04	B3	54	A3	04	B2	54	A2	
05	A1	55	A7	05	A7	55	A6	05	A6	55	A5	05	A5	55	A4	05	A4	55	A3	
06	A2	56	B1	06	A1	56	B7	06	A7	56	B6	06	A6	56	B5	06	A5	56	B4	
07	A3	57	A3	07	A2	57	A2	07	A1	57	A1	07	A7	57	A7	07	A6	57	A6	
08	B4	58	A4	08	B3	58	A3	08	B2	58	A2	08	B1	58	A1	08	B7	58	A7	
09	A6	59	A5	09	A5	59	A4	09	A4	59	A3	09	A3	59	A2	09	A2	59	A1	
1110	A7	1160	B6	1210	A6	1260	B5	1310	A5	1360	B4	1410	A4	1460	B3	1510	A3	1560	B2	
11	A1	61	A1	11	A7	61	A7	11	A6	61	A6	11	A5	61	A5	11	A4	61	A4	
12	B2	62	A2	12	B1	62	A1	12	B7	62	A7	12	B6	62	A6	12	B5	62	A5	
13	A4	63	A3	13	A3	63	A2	13	A2	63	A1	13	A1	63	A7	13	A7	63	A6	
14	A5	64	B4	14	A4	64	B3	14	A3	64	B2	14	A2	64	B1	14	A1	64	B7	
15	A6	65	A6	15	A5	65	A5	15	A4	65	A4	15	A3	65	A3	15	A2	65	A2	
16	B7	66	A7	16	B6	66	A6	16	B5	66	A5	16	B4	66	A4	16	B3	66	A3	
17	A2	67	A1	17	A1	67	A7	17	A7	67	A6	17	A6	67	A5	17	A5	67	A4	
18	A3	68	B2	18	A2	68	B1	18	A1	68	B7	18	A7	68	B6	18	A6	68	B5	
19	A4	69	A4	19	A3	69	A3	19	A2	69	A2	19	A1	69	A1	19	A7	69	A7	
1120	B5	1170	A5	1220	B4	1270	A4	1320	B3	1370	A3	1420	B2	1470	A2	1520	B1	1570	A1	
21	A7	71	A6	21	A6	71	A5	21	A5	71	A4	21	A4	71	A3	21	A3	71	A2	
22	A1	72	B7	22	A7	72	B6	22	A6	72	B5	22	A5	72	B4	22	A4	72	B3	
23	A2	73	A2	23	A1	73	A1	23	A7	73	A7	23	A6	73	A6	23	A5	73	A5	
24	B3	74	A3	24	B2	74	A2	24	B1	74	A1	24	B7	74	A7	24	B6	74	A6	
25	A5	75	A4	25	A4	75	A3	25	A3	75	A2	25	A2	75	A1	25	A1	75	A7	
26	A6	76	B5	26	A5	76	B4	26	A4	76	B3	26	A3	76	B2	26	A2	76	B1	
27	A7	77	A7	27	A6	77	A6	27	A5	77	A5	27	A4	77	A4	27	A3	77	A3	
28	B1	78	A1	28	B7	78	A7	28	B6	78	A6	28	B5	78	A5	28	B4	78	A4	
29	A3	79	A2	29	A2	79	A1	29	A1	79	A7	29	A7	79	A6	29	A6	79	A5	
1130	A4	1180	B3	1230	A3	1280	B2	1330	A2	1380	B1	1430	A1	1480	B7	1530	A7	1580	B6	
31	A5	81	A5	31	A4	81	A4	31	A3	81	A3	31	A2	81	A2	31	A1	81	A1	
32	B6	82	A6	32	B5	82	A5	32	B4	82	A4	32	B3	82	A3	32	B2	82	A2	*
33	A1	83	A7	33	A7	83	A6	33	A6	83	A5	33	A5	83	A4	33	A4	83	A3	A7
34	A2	84	B1	34	A1	84	B7	34	A7	84	B6	34	A6	84	B5	34	A5	84	B4	B1
35	A3	85	A3	35	A2	85	A2	35	A1	85	A1	35	A7	85	A7	35	A6	85	A6	A3
36	B4	86	A4	36	B3	86	A3	36	B2	86	A2	36	B1	86	A1	36	B7	86	A7	A4
37	A6	87	A5	37	A5	87	A4	37	A4	87	A3	37	A3	87	A2	37	A2	87	A1	A5
38	A7	88	B6	38	A6	88	B5	38	A5	88	B4	38	A4	88	B3	38	A3	88	B2	B6
39	A1	89	A1	39	A7	89	A7	39	A6	89	A6	39	A5	89	A5	39	A4	89	A4	A1
1140	B2	1190	A2	1240	B1	1290	A1	1340	B7	1390	A7	1440	B6	1490	A6	1540	B5	1590	A5	A2
41	A4	91	A3	41	A3	91	A2	41	A2	91	A1	41	A1	91	A7	41	A7	91	A6	A3
42	A5	92	B4	42	A4	92	B3	42	A3	92	B2	42	A2	92	B1	42	A1	92	B7	B4
43	A6	93	A6	43	A5	93	A5	43	A4	93	A4	43	A3	93	A3	43	A2	93	A2	A6
44	B7	94	A7	44	B6	94	A6	44	B5	94	A5	44	B4	94	A4	44	B3	94	A3	A7
45	A2	95	A1	45	A1	95	A7	45	A7	95	A6	45	A6	95	A5	45	A5	95	A4	A1
46	A3	96	B2	46	A2	96	B1	46	A1	96	B7	46	A7	96	B6	46	A6	96	B5	B2
47	A4	97	A4	47	A3	97	A3	47	A2	97	A2	47	A1	97	A1	47	A7	97	A7	A4
48	B5	98	A5	48	B4	98	A4	48	B3	98	A3	48	B2	98	A2	48	B1	98	A1	A5
49	A7	99	A6	49	A6	99	A5	49	A5	99	A4	49	A4	99	A3	49	A3	99	A2	A6
1150	A1	1200	B7	1250	A7	1300	B6	1350	A6	1400	B5	1450	A5	1500	B4	1550	A4	1600	B3	B7

* See Special Calendar for 1582, page 13.

CENTURIES.

3d O. S.			25th N. S.			4th O. S.			26th N. S.			27th.				28th.			
10th O. S.			21st N. S.			11th O. S.			22d N. S.			23d.				24th.			
17th.						18th.						19th.				20th.			
Yr.	Old	New	Yr.	Old	New	Yr.	Old	New	Yr.	Old	New	Yr.	New	Yr.	New	Yr.	New	Yr.	New
1601	A5	A2	1651	A1	A1	1701	A4	A7	1751	A3	A6	1801	A5	1851	A4	1901	A3	1951	A2
02	A6	A3	52	B5	B2	02	A5	A1	* 52	B1	B7	02	A6	52	B5	02	A4	52	B3
03	A7	A4	53	A7	A4	03	A6	A2	53	A6	A2	03	A7	53	A7	03	A5	53	A5
04	B1	B5	54	A1	A5	04	B7	B3	54	A7	A3	04	B1	54	A1	04	B6	54	A6
05	A3	A7	55	A2	A6	05	A2	A5	55	A1	A4	05	A3	55	A2	05	A1	55	A7
06	A4	A1	56	B3	B7	06	A3	A6	56	B2	B5	06	A4	56	B3	06	A2	56	B1
07	A5	A2	57	A5	A2	07	A4	A7	57	A4	A7	07	A5	57	A5	07	A3	57	A3
08	B6	B3	58	A6	A3	08	B5	B1	58	A5	A1	08	B6	58	A6	08	B4	58	A4
09	A1	A5	59	A7	A4	09	A7	A3	59	A6	A2	09	A1	59	A7	09	A6	59	A5
1610	A2	A6	1660	B1	B5	1710	A1	A4	1760	B7	B3	1810	A2	1860	B1	1910	A7	1960	B6
11	A3	A7	61	A3	A7	11	A2	A5	61	A2	A5	11	A3	61	A3	11	A1	61	A1
12	B4	B1	62	A4	A1	12	B3	B6	62	A3	A6	12	B4	62	A4	12	B2	62	A2
13	A6	A3	63	A5	A2	13	A5	A1	63	A4	A7	13	A6	63	A5	13	A4	63	A3
14	A7	A4	64	B6	B3	14	A6	A2	64	B5	B1	14	A7	64	B6	14	A5	64	B4
15	A1	A5	65	A1	A5	15	A7	A3	65	A1	A3	15	A1	65	A1	15	A6	65	A6
16	B2	B6	66	A2	A6	16	B1	B4	66	A2	A4	16	B2	66	A2	16	B7	66	A7
17	A4	A1	67	A3	A7	17	A3	A6	67	A3	A5	17	A4	67	A3	17	A2	67	A1
18	A5	A2	68	B4	B1	18	A4	A7	68	B4	B6	18	A5	68	B4	18	A3	68	B2
19	A6	A3	69	A6	A3	19	A5	A1	69	A5	A1	19	A6	69	A6	19	A4	69	A4
1620	B7	B4	1670	A7	A4	1720	B6	B2	1770	A6	A2	1820	B7	1870	A7	1920	B5	1970	A5
21	A2	A6	71	A1	A5	21	A1	A4	71	A7	A3	21	A2	71	A1	21	A7	71	A6
22	A3	A7	72	B2	B6	22	A2	A5	72	B1	B4	22	A3	72	B2	22	A1	72	B7
23	A4	A1	73	A4	A1	23	A3	A6	73	A2	A6	23	A4	73	A4	23	A2	73	A2
24	B5	B2	74	A5	A2	24	B4	B7	74	A3	A7	24	B5	74	A5	24	B3	74	A3
25	A7	A3	75	A6	A3	25	A6	A2	75	A4	A1	25	A7	75	A6	25	A5	75	A4
26	A1	A4	76	B7	B4	26	A7	A3	76	B5	B2	26	A1	76	B7	26	A6	76	B5
27	A2	A5	77	A2	A6	27	A1	A4	77	A1	A4	27	A2	77	A2	27	A7	77	A7
28	B3	A6	78	A3	A7	28	B2	B5	78	A2	A5	28	B3	78	A3	28	B1	78	A1
29	A5	B7	79	A4	A1	29	A3	A7	79	A3	A6	29	A5	79	A4	29	A3	79	A2
1630	A6	A2	1680	B5	B2	1730	A5	A1	1780	B4	B7	1830	A6	1880	B5	1930	A4	1980	B3
31	A7	A3	81	A6	A4	31	A6	A2	81	A5	A2	31	A7	81	A7	31	A5	81	A5
32	B1	A4	82	A7	A5	32	B7	B3	82	A6	A3	32	B1	82	A1	32	B6	82	A6
33	A2	A5	83	A1	A6	33	A2	A5	83	A7	A4	33	A3	83	A2	33	A1	83	A7
34	A3	A6	84	B2	B7	34	A3	A6	84	B1	B5	34	A4	84	B3	34	A2	84	B1
35	A4	A7	85	A3	A2	35	A4	A7	85	A2	A7	35	A5	85	A5	35	A3	85	A3
36	B5	B1	86	A4	A3	36	B5	B1	86	A3	A1	36	B6	86	A6	36	B4	86	A4
37	A6	A3	87	A5	A4	37	A6	A3	87	B4	A2	37	A1	87	A7	37	A6	87	A5
38	A7	A4	88	A6	B5	38	A7	A4	88	A5	B3	38	A2	88	B1	38	A7	88	B6
39	B1	A5	89	A7	A7	39	B2	A5	89	A6	A5	39	A3	89	A3	39	A1	89	A1
1640	A1	B6	1690	A1	A1	1740	A1	B6	1790	A7	A6	1840	B4	1890	A4	1940	B2	1990	A2
41	A2	A3	91	A2	A2	41	A2	A1	91	B1	A7	41	A6	91	A5	41	A4	91	A3
42	B3	A4	92	B3	B3	42	B3	A2	92	A2	B1	42	A7	92	B6	42	A5	92	B4
43	A4	A5	93	A4	A5	43	A4	A3	93	A3	A3	43	A1	93	A1	43	A6	93	A6
44	A5	B6	94	A5	A6	44	A5	B4	94	A4	A4	44	B2	94	A2	44	B7	94	A7
45	A6	A1	95	A6	A7	45	A6	A6	95	A5	A5	45	A4	95	A3	45	A2	95	A1
46	A7	A2	96	A7	B1	46	A7	A7	96	B6	B6	46	A5	96	B4	46	A3	96	B2
47	B1	A3	97	A1	A3	47	A1	A1	97	A1	A1	47	A6	97	A6	47	A4	97	A4
48	A2	B4	98	A2	A4	48	A2	B2	98	A2	A2	48	B7	98	A7	48	B5	98	A5
49	A3	A6	99	A3	A5	49	A3	A4	99	A3	A3	49	A2	99	A1	49	A7	99	A6
1650	A4	A7	1700	A4	A6	1750	A4	A5	1800	A4	A4	1850	A3	1900	A2	1950	A1	2000	B7

* See Special Calendar for 1752, page 14.

B1.

Correct Calendar for

1804
1832
1860
1888
1928
1956
1984

JANUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

FEBRUARY.						
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	..	..	..
..	..	..	..	..	..	..

MARCH.						
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

APRIL.						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

MAY.						
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

JUNE.						
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..

JULY.						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

AUGUST.						
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

SEPTEMBER.						
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

OCTOBER.						
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

NOVEMBER.						
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	..

DECEMBER.						
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

B2.

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	1	2	3	4	5	6	..	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31	..	..	..	28	29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	..	..	..	1	2	3	..	..	..	..	1	2	3
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	..	..	25	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	..	..	..	..	1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	..	..	..	..	..
31	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	..	..	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	..	..	1	2	3	4	..	..	..	..	..	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	..	..	..	..	..	1	1	2	3	4	5	6	7
2	3	4	5	6	7	8	8	9	10	11	12	13	14
9	10	11	12	13	14	15	15	16	17	18	19	20	21
16	17	18	19	20	21	22	22	23	24	25	26	27	28
23	24	25	26	27	28	29	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

Correct Calendar for

1816
1844
1872

1912
1940
1968
1996

B3.

Correct Calendar for

1828
1856
1884
1924
1952
1980

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	1	2	3	4	5	..	..	1	2	3	4	5
6	7	8	9	10	11	12	6	7	8	9	10	11	12
13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	30	31	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

FEBRUARY.							AUGUST.						
..	..	..	..	..	1	2	..	..	..	..	..	1	2
3	4	5	6	7	8	9	3	4	5	6	7	8	9
10	11	12	13	14	15	16	10	11	12	13	14	15	16
17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28	29	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..

MARCH.							SEPTEMBER.						
..	..	..	..	..	..	1	..	1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	..	..	..	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..

APRIL.							OCTOBER.						
..	..	1	2	3	4	5	..	..	..	1	2	3	4
6	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	..	..	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

MAY.							NOVEMBER.						
..	..	..	..	1	2	3	..	..	..	..	..	..	1
[illegible]	5	6	7	8	9	10	2	3	4	5	6	7	8
[illegible]	12	13	14	15	16	17	9	10	11	12	13	14	15
[illegible]	19	20	21	22	23	24	16	17	18	19	20	21	22
[illegible]	26	27	28	29	[illegible]	31	23	24	25	26	[illegible]	28	29
..	..	..	..	..	..	..	30	..	..	..	..	..	..

JUNE.							DECEMBER.						
[illegible]	2	3	4	5	6	7	..	1	2	3	4	5	6
[illegible]	9	10	11	12	13	14	[illegible]	8	9	10	11	12	13
[illegible]	16	17	18	19	20	21	[illegible]	15	16	17	18	19	20
[illegible]	23	24	25	26	27	28		22	23	24	[illegible]	26	27
	30	..	..	..	..	..	[illegible]	29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

B4.

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	1	2	3	4	..	..	..	1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							AUGUST.						
..	..	..	..	..	..	1	..	..	..	..	..	..	1
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..
MARCH.							SEPTEMBER.						
1	2	3	4	5	6	7	..	..	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31	..	..	..	..	27	28	29	30	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							OCTOBER.						
..	..	..	1	2	3	4	..	..	..	..	1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	..	..	25	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							NOVEMBER.						
..	..	..	..	..	1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	..	..	..	..	..
31	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							DECEMBER.						
..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	..	..	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

Correct Calendar for

1812
1840
1868
1896
1908
1936
1964
1992

B5.

Correct Calendar for

1824
1852
1880
1920
1948
1976

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	1	2	3	..	..	..	..	1	2	3
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	30	31	25	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	..	..	..	..	..	..	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	1	2	3	4	5	6	..	..	..	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	..	..	..	26	27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	..	..	..	1	2	3	..	..	..	..	..	1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	..	..	..	..	..	1	..	1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	..	..	..	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	..	1	2	3	4	5	..	..	..	1	2	3	4
6	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	..	..	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

B6.

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	..	1	2	..	..	..	..	..	1	2
3	4	5	6	7	8	9	3	4	5	6	7	8	9
10	11	12	13	14	15	16	10	11	12	13	14	15	16
17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28	29	30	24	25	26	27	28	29	30
31	..	..	..	..	..	..	31	..	..	..	..	..	..
FEBRUARY.							AUGUST.						
..	1	2	3	4	5	6	..	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	..	..	..	..	..	28	29	30	31	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							SEPTEMBER.						
..	..	1	2	3	4	5	..	..	..	..	1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31	..	..	25	26	27	28	29	30	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							OCTOBER.						
..	..	..	..	..	1	2	..	..	..	..	..	..	1
3	4	5	6	7	8	9	2	3	4	5	6	7	8
10	11	12	13	14	15	16	9	10	11	12	13	14	15
17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..
MAY.							NOVEMBER.						
1	2	3	4	5	6	7	..	..	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	[illegible]	25	26
29	30	31	..	..	..	..	27	28	29	30	..	..	.
..	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							DECEMBER.						
..	..	..	1	2	3	4	..	..	..	..	1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	..	..	25	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..

Correct Calendar for

1808
1836
1864
1892

1904
1932
1960
1988

B7.

Correct Calendar for

1820
1848
1876
1916
1944
1972
2000

JANUARY.							JULY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	..	..	1	..	..	..	..	..	..	1
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31	..	..	..	..	..	30	31	..	..	..	..	..
FEBRUARY.							**AUGUST.**						
..	..	1	2	3	4	5	..	..	1	2	3	4	5
6	7	8	9	10	11	12	6	7	8	9	10	11	12
13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	..	..	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH.							**SEPTEMBER.**						
..	..	..	1	2	3	4	..	..	..	..	..	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL.							**OCTOBER.**						
..	..	..	..	..	..	1	1	2	3	4	5	6	7
2	3	4	5	6	7	8	8	9	10	11	12	13	14
9	10	11	12	13	14	15	15	16	17	18	19	20	21
16	17	18	19	20	21	22	22	23	24	25	26	27	28
23	24	25	26	27	28	29	29	30	31	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	..	..	..
MAY.							**NOVEMBER.**						
..	1	2	3	4	5	6	..	..	..	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	..	..	..	26	27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
JUNE.							**DECEMBER.**						
..	..	..	..	1	2	3	..	..	..	..	..	1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..

A BRIEF HISTORY OF THE CALENDAR.

To devise a calendar adapted to the needs of mankind in all ages, is not an easy task. It must contain the day, the month, and the year which are natural divisions measured by alternating light and darkness, by the waxing and waning of the moon, and by the recurring seasons. The difficulty of harmonizing these elements is at once apparent when it is considered that the number of days in a month or year, or of months in a year, in each case includes a fraction.

The sidereal day or time of a complete rotation of the earth on its axis, as measured by the apparent passage of the fixed stars, is a constant period, and subject to no changes that man can discover. It is 3 minutes and 55.909435 seconds shorter than the mean or average solar day, so that it would not do for a standard day because its beginning would, in the course of the year, have occupied every hour of the natural day.

The solar day is measured by the apparent passage of the sun from the meridian of one day to the meridian of the next. The duration of this day is affected by the elliptical orbit of the earth, the inclination of its axis, and the perturbations of the planets. Though subject to fluctuations from these causes, observation has determined that from year to year a constant average of length is maintained. This average or mean solar day has been adopted as the unit or standard of astronomical and civil time, and is arbitrarily divided into 24 hours and subdivided into minutes and seconds. Observation has shown that the noon or meridian of a natural or solar day may occur 14½ minutes sooner, or 16¼ minutes later than mid-day of mean solar or common clock time.

The solar year is also subject to slight changes caused by the attraction of other planets, hence the mean solar year has been adopted as a standard to which the calendar must conform as nearly as possible. Its length has been found to be 365.24224 days, which being fractional requires the addition of a day from time to time to the year of 365 days to keep the seasons in the same portion of the calendar.

Our present calendar is a growth, which may be traced back to 738 B.C., when Romulus introduced the Roman calendar, in which the year comprised 304 days, divided into 10 months, described as follows: March, the first month, was named in honor of Mars, the god of war. The name of the second month, April, was derived from *aperire*, to open, as the month in which the earth opened for new fruit. May, the third month, was so called in honor of Maia, the goddess; while June, the fourth month, was sacred to Juno, the goddess of marriages. Quintilis was then the fifth month, Sextilis the sixth, our September the seventh, October the eighth, November the ninth, and December the tenth. During the reign of Julius Cæsar Quintilis was changed to July at the suggestion of Mark Antony, and subsequently Cæsar Augustus, not to be outdone by Julius, gave the place of Sextilis to August. But this year of 304 days did not agree with the solar year of 365 days or the lunar year of 354 days, nor did it recur at any fixed season. In 713 B.C., to correct this error, Numa Pompilius added two months, January and February, to the year, fixing its beginning at the winter solstice. This made the year consist of 354 days, or 12 lunar months, to which an additional one was added every two or three years. As Numa's calendar was not based on a knowledge of the true length of the year, the error arising from it accumulated as the years went by and began to confuse the seasons. In Julius Cæsar's time, Spring came about the first of January.

This confusion led to the reformation of the calendar by Cæsar in the year 46 B.C. Sosigenes, an Alexandrian astronomer and mathematician, was sent for, who made calculations showing there was a discrepancy of about 80 days in the old reckoning. Cæsar then decreed that the year 46 B.C. should have 445 days, and that the year 45 B.C. should commence on the first day of the new moon following the winter solstice, which date was to be the first day of January. The year 46 B.C. with its 445 days was well named "the year of confusion." In the Julian Calendar thus established, each fourth year was known as a leap-year or bissextile, because instead of adding an extra day to February, as we do now, the 6th of March was duplicated.

The error in the Julian Calendar is [365.25–365.24224] .00776 of a day per year, and in 129 years it would amount to 1 day. In 1582 the error from this and other causes amounted to 10 days. Pope Gregory XIII. undertook to rectify the error. After consulting with ecclesiastics, princes, and mathematicians, the plan finally adopted was that proposed by the astronomer Luilius, and in accordance therewith a brief was issued decreeing that after October 4th, 1582, 10 days should be omitted, so that the next day should be the 15th

instead of the 5th. The special calendar on page 13 shows this change clearly. The Old Style dates are printed in red, and the New Style in black.

The New Style was not approved by Protestant nations for a time. So much confusion resulted from the adherence to the Old Style in commercial affairs, that by degrees the popular prejudice against the change was overcome, until even in conservative England it was adopted by Act of Parliament. The change provided for by this Act is shown in the special calendar for 1752, which will be found on page 14. By the terms of the Act what would have been September 3 was to be known as September 14. England dropped 11 days instead of 10, as Gregory had done in 1582, because in the 170 years intervening the error of the Old Style had amounted to one full day or more. The only Christian country that has not adopted the New Style is Russia. In writing to or from that empire it is customary to use a dual system of dating, placing the Old Style over the New Style, thus:

$$\frac{\text{December 25, 1890}}{\text{January 6, 1891}} \quad \text{or} \quad \frac{\text{February 10, 1891}}{\text{February 22, 1891}}$$

as the case may be. It will be noticed that the difference between these dates is 12 days, or 2 days more than the Gregorian correction in 1582. February in 1700 and 1800 having 29 days by the Old Style and but 28 days by the New Style, accounts for the difference. After February, 1900, the difference in this double system of dating will be 13 days, should Russia continue the system.

The Gregorian Calendar provides for 97 leap years in each 400, which makes the length of its average year 365.2425 days. This is .00026 of a day in excess of the mean solar year [365.24224]. It will require about 3846 years to elapse from A.D. 1582 before this error amounts to one day. As that would be in A.D. 5428, it is a question for future ages to decide whether A.D. 4000 or A.D. 5000 should have but 28 days in its February.

IMPORTANT EVENTS.

	B.C.
First Egyptian Pyramid completed	about 2170
Glass known in Egypt	before 1740
The Exodus	1615
Fabrics woven	1451
Troy destroyed	? 1180
Saul anointed King	1119
Compass discovered	? 1111
Accession of David	1079
Accession of Solomon	1039
Solomon's Temple dedicated	1028
Lydians coined Money	about 1000
Accession of Rehoboam	999
Rome founded	753
Accession of Nabonassar—Babylonian Empire	Feb. 26, 747
Seventy years' Captivity of Judah begins	606
Geometry and Maps introduced	605
Sappho, Greek Poetess, flourished	600
Nebuchadnezzar takes Jerusalem—Temple burned	582
Money coined at Rome	576
Fall of Babylon	538
Confucius, Chinese Philosopher	551–479
Cyrus sole ruler Persian Empire	536
Dedication Second Temple	515
Plato, Greek Philosopher	May, 429–348
Aristotle, Greek Philosopher	384–322
Accession of Alexander, Grecian Empire	July, 336
Era of Seleucidæ [Kings of Syria] begins	Oct. 1, 312
Land Surveying first used	219
Books with back and leaves	198
Water Clocks	155
Cæsar invaded Britain	55
Julius Cæsar slain	Wed., March 15, 44
Accession of Augustus Cæsar	27
The Nativity—Jesus born in Bethlehem	about Oct. 1, 2

	A.D.
Accession of Tiberius Cæsar	14
The Crucifixion.....Friday, April 3,	33
Josephus, Jewish Historian	37?–100?
End of Jewish War	35
Grist Mills	214
Division of Roman Empire by Valentinian	364
End of Reign, Romulus Augustulus.....August 22,	476
Justinian, Emperor, decrees Bishop of Rome the headship of all the Churches, etc.....March,	533
Mohammed.....570—June 8,	632
Phocas, East Roman Emperor, decrees Boniface III. the headship of all the Churches, etc	607
Jerusalem captured by Saracens.....Summer,	637
Alexandrian Library burned	640
Vitalian enjoins exclusive use of Latin in Church Services	663
Arabic Numerals introduced in Europe	991
The Saracens in Europe	713
Charles Martel defeats the Saracens at Tours	732
Charlemagne, Emperor of the West	800
Pendulum Clock.....about	1000
Jerusalem recaptured, First Crusade.....July 15,	1099
Chinese Paper Money issued.....about	1100
Seventh Crusade	1248
Papal Dominion at its height	1267–8
Eighth and Last Crusade	1270
Knight Templar Order broken up	1312
Gunpowder invented at Cologne	1330
Plague in Europe	1347–49
Wickliffe and the English Reformation	1369
Martyrdom of Joan d'Arc.....May 24,	1431
Printing	1442
Fall of Constantinople	1453
End of East Roman Empire.....May 29,	1453
Columbus discovered America.....October 12,	1492
Rifle (fire-arms).....about	1501
Summit Turkish Power [Solyman the Magnificent]	1495–1566
Luther's Translation of Bible	1534
Spanish Armada destroyed	1588
Slavery introduced in America [Virginia]	1619
Puritans Land on Plymouth Rock.....December 11,	1620
Barometer and Thermometer	1627
English Revolution begins	1642
John Bunyan, author Pilgrim's Progress	1628–1688

	A.D.
Sir Isaac Newton	1642–1727
St. Petersburg founded by Peter the Great	1660
John Wesley, founder of Methodism	1703–1791
Paine, Infidel writer	1737–1809
French and Indian War (U. S.)	1754–1763
Cast Steel	1770
Accession of Pope Pius VI	February 15, 1775
Battle of Lexington	April 19, 1775
Washington, Commander-in-Chief	June 15, 1775
Declaration of Independence	July 4, 1776
Stars and Stripes, adopted	June 14, 1777
Constitution adopted in Convention	September 17, 1787
Peace with Great Britain	September 3, 1783
French Revolution begins	1789
Bastile destroyed	July 14, 1789
Steamboat on Delaware	1789
Circular Saw	before 1790
Cotton Gin—Whitney's	1793
Reign of Terror, France	May, 1793
Death of Washington	December 14, 1799
Jacquard Loom	1801
Napoleon Emperor of France	May 18, 1804
The "Hundred Days"	March 20 to June 22, 1815
Battle of Waterloo	June 18, 1815
Holy Alliance	September 26, 1815
Davy's Safety Lamp	1815
Oersted discovers Electro-magnetism	1819
Greek Independence	January 1, 1822
Monroe Doctrine	1823
Steam Locomotive	1825
Lead Pencils	1827
Mormonism	1830
Spoils System	1830
Revolution in France	1830–32
Electro-magnetic Telegraph	1832
Reaping Machine	1834
Slavery abolished in British Colonies	August 1, 1834
Photography	1839
Sewing Machine	1845
Mohammedan Edict of Toleration	March 21, 1844
Fugitive Slave Act	September 19, 1850
Crimean War declared	March, 1854
Imprisonment in Black Hole, Calcutta	June 20, 1856

	A.D.
Bessemer Steel	1856
Indian Mutiny and War	1857
Emancipation of Russian Serfs	March 3, 1861
Victor Emmanuel, King of Italy	March 17, 1861
Bombardment of Fort Sumter	April 12, 1861
Bull Run	July 21, 1861
Antietam	September 17, 1862
Emancipation Proclamation	January 1, 1863
Gettysburg	July 3, 1863
Wilderness	May, 1864
Appomattox C. H.	April 9, 1865
Atlantic Cable laid	July, 1866
Pacific Railroad completed	May 10, 1869
Irish Church disestablished	July 26, 1869
Black Friday [Wall Street]	September 24, 1869
Air Brake (Railway)	1869
Suez Canal opened	November 17, 1869
Decree of Papal Infallibility	July 18, 1870
Franco-Prussian War declared	July 19, 1870
Victor Emmanuel enters Rome	September 20, 1870
William of Prussia, Emperor of Germany	January 18, 1871
Republic in Spain	February, 1873
Temperance Crusade, Hillsboro, Ohio	December 24, 1873
Alexander II. assassinated	March 13, 1881
Berlin Congress	1878
President Garfield assassinated, July 2, 1881	Died September 19, 1881
Electric Light	1878
War in Afghanistan	1880
Irish troubles	1880
War in the Soudan	1883–4
Phonograph perfected	1888
Slavery abolished in Brazil	May 13, 1888
Republic proclaimed in Brazil	November 15, 1889
Anti-Lottery Act	September 19, 1890

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